

# Maharashtra Public Service Commission

<b>Question Paper Name :</b>	MedicalOfficerGovernmentMedicalCollegesandHospitals' 8 Jul 23 S2
<b>Subject Name :</b>	Medical Officer Government Medical Colleges and Hospitals Group B
<b>Actual Answer Key :</b>	Yes
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## Medical Officer Government Medical Colleges and Hospitals Group B

<b>Section type :</b>	Online
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 630680265552 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

The National Malaria Control Programme that began in 1953 was converted to National Malaria Eradication Programme in \_\_\_\_\_.

**Options :**

1. 1954
2. 1958
3. 1963
4. 1972

**Question Number : 2 Question Id : 630680265553 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

The objectives of National framework for Malaria elimination includes ALL EXCEPT:

**Options :**

1. By 2022 transmission of malaria interrupted and zero indigenous cases to be attained in all 26 states/UTs that were under categories 1 and 2 in 2014
2. By 2024 incidence of malaria to be reduced to less than 1 case per 1000 population in all states and UTs
3. By 2027 indigenous transmission of malaria to be interrupted in all states and UTs of India
4. By 2033 Malaria to be eliminated throughout the entire country and re-establishment of transmission prevented

**Question Number : 3 Question Id : 630680265554 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

The aim of sentinel surveillance programme in malaria is \_\_\_\_\_.

**Options :**

1. Mass screening of immigrants wherever necessary

2. Mobile based surveillance where routine health services facilities are not available
3. For recording of all outpatient and inpatient cases of malaria and malaria related deaths in hospitals
4. Active case detection in rural areas with blood smears

**Question Number : 4 Question Id : 630680265555 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Under National leprosy Eradication Programme more emphasis is being given on \_\_\_\_\_.

**Options :**

1. Detection of new cases
2. Disability prevention and medical rehabilitation
3. Completion of treatment
4. Providing financial support to patients

**Question Number : 5 Question Id : 630680265556 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The Directly Observed Treatment Short course (DOTS) strategy is applied in the management of \_\_\_\_\_.

**Options :**

1. Hypertension
2. Diabetes Mellitus
3. Malnutrition
4. Tuberculosis

**Question Number : 6 Question Id : 630680265557 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The target population of pulse polio immunization programme is \_\_\_\_\_.

**Options :**

1. Children < 5 years of age
2. Children > 5 years of age
3. Children < 1 year of age
4. School going children

**Question Number : 7 Question Id : 630680265558 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The vaccine that is given only up to 1 year of age is \_\_\_\_\_.

**Options :**

1. TT vaccine
2. OPV
3. BCG
4. DPT

**Question Number : 8 Question Id : 630680265559 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

ALL of the following were the targets for NHM under 12th FY plan EXCEPT:

**Options :**

1. Reduce IMR to 25/1000 live births
2. Reduce MMR to 1/1000 live births
3. Reduce TFR to 1.2
4. Annual malaria incidence to be 1/1000

**Question Number : 9 Question Id : 630680265560 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Under the NUHM norms, one ANM is essential for outreach services of every \_\_\_\_\_ population.

**Options :**

1. 250
2. 500
3. 1000
4. 10000

**Question Number : 10 Question Id : 630680265561 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The major interventions under RCH programme includes ALL EXCEPT:

**Options :**

1. Essential obstetrics care
2. Immunization
3. Prevention and control of anemia in children
4. Prevention of non-communicable diseases in elderly

**Question Number : 11 Question Id : 630680265562 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Under IDSP if the diagnosis is made on typical history and clinical examination by the medical officer, then it is called \_\_\_\_\_.

**Options :**

1. Syndromic diagnosis
2. Presumptive diagnosis
3. Confirmed diagnosis
4. Differential diagnosis

**Question Number : 12 Question Id : 630680265563 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

ALL of the following are causes for Distributive shock EXCEPT:

**Options :**

1. Septic shock
2. Anaphylaxis
3. Spinal cord injury
4. Acute Haemorrhage

**Question Number : 13 Question Id : 630680265564 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

A delayed Haemorrhage occurring within 24 hours, which is usually due to dislodgement of clot by resuscitation, is called as \_\_\_\_\_.

**Options :**

1. Primary Haemorrhage
2. Reactionary Haemorrhage
3. Secondary Haemorrhage
4. Tertiary Haemorrhage

**Question Number : 14 Question Id : 630680265565 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Major crossmatching prior to blood transfusion is usually done by mixing \_\_\_\_\_.

**Options :**

1. Donor's cells and Recipient's cells
2. Donor's serum and Recipient's serum
3. Donor's cells and Recipient's serum
4. Donor's serum and Recipient's cells

**Question Number : 15 Question Id : 630680265566 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

ALL of the following are advantages of minimal access surgery EXCEPT:

**Options :**

1. Decrease in wound size
2. Reduction in wound infection
3. Haemostasis achieved easily after arterial bleeding
4. Improved mobility

**Question Number : 16 Question Id : 630680265567 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Bilious vomiting, colicky pain and blood stools in a 2-year-old child is mostly suggestive of \_\_\_\_\_.

**Options :**

1. Gastro oesophageal Reflex
2. Intussusception
3. Infantile hypertrophic pyloric stenosis
4. Acute appendicitis

**Question Number : 17 Question Id : 630680265568 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The ideal first test for hollow organ perforation is \_\_\_\_\_.

**Options :**

1. The erect chest X – ray
2. CT scan abdomen
3. USG abdomen
4. Endoscopy

**Question Number : 18 Question Id : 630680265569 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The surgical procedure that is associated with HIGH risk of Deep Vein Thrombosis (DVT) among the following is \_\_\_\_\_.

**Options :**

1. Maxillofacial surgery
2. Cardio thoracic surgery
3. Total hip replacement
4. Gynecological surgery

**Question Number : 19 Question Id : 630680265570 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

A head injury is classified as Moderate, if the Glasgow coma scale (GCS) score is \_\_\_\_\_.

**Options :**

1. GCS 14 or 15 with LOC
2. GCS 9 - 13
3. GCS 3 – 8
4. GCS < 3

**Question Number : 20 Question Id : 630680265571 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

A mannitol alkaline drip is very useful in management of \_\_\_\_\_.

**Options :**

1. CRUSH injury
2. GAS Gangrene
3. Compartment syndrome
4. Necrotizing fasciitis

**Question Number : 21 Question Id : 630680265572 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

ALL of the following are the major determinants of the outcome of BURN'S patient EXCEPT:

**Options :**

1. Percentage surface are involved
2. Depth of Burns
3. Presence of an inhalational injury
4. Infection from the burns site

**Question Number : 22 Question Id : 630680265573 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The commonly used colloid fluid for resuscitation in a burns patient is \_\_\_\_\_.

**Options :**

1. Ringer's lactate
2. Dextrose saline
3. Human Albumin Solution (HAS)
4. Normal saline

**Question Number : 23 Question Id : 630680265574 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The characteristic feature of subarachnoid Haemorrhage includes ALL EXCEPT:

**Options :**

1. Most result from rupture of an aneurysm of the circle of willis
2. CT scan is the imaging of first choice
3. Diagnostic LP is necessary in all cases
4. Morbidity is significant due to vasospasm

**Question Number : 24 Question Id : 630680265575 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

In most emergency situations, the most direct and satisfactory method of securing the airway is \_\_\_\_\_.

**Options :**

1. Percutaneous tracheostomy
2. Endo tracheal intubation
3. Cricothyroidotomy
4. Trans tracheal ventilation

**Question Number : 25 Question Id : 630680265576 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The most frequent life-threatening complication of thyroidectomy is \_\_\_\_\_.

**Options :**

1. Haemorrhage
2. Recurrent laryngeal Nerve paralysis
3. Wound infection
4. Thyrotoxic crisis

**Question Number : 26 Question Id : 630680265577 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The TRUE statement regarding insertion and managing a chest drain is:

**Options :**

1. A drain for pneumothorax should aim towards base of the lung.
2. It is preferable not to apply suction to the drain or clamp it.
3. First ipsilateral pneumothorax is an indication for surgical intervention.
4. The drain should ideally find the seventh intercostal space.

**Question Number : 27 Question Id : 630680265578 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Ruptured abdominal aortic aneurysm is suspected if the patient has triad of one of the following:

**Options :**

1. Syncope, hypotension, pulsatile abdominal mass
2. Severe abdominal/ back pain, hypotension, syncope
3. Severe abdominal/ back pain, hypotension, pulsatile abdominal mass
4. Thready pulse, Pain abdomen, Syncope

**Question Number : 28 Question Id : 630680265579 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The success rate after repair of major vein is \_\_\_\_\_.

**Options :**

1. 40 - 50 %
2. 50 - 60 %
3. 70 - 80 %
4. > 90 %

**Question Number : 29 Question Id : 630680265580 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

In an abdominal emergency presence of Grey turner and Cullen's sign is mostly suggestive of \_\_\_\_\_.

**Options :**

1. Acute pancreatitis
2. Splenic injury
3. Acute appendicitis
4. Cholelithiasis

**Question Number : 30 Question Id : 630680265581 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The deepest and most common site of a subphrenic abscess is located at \_\_\_\_\_.

**Options :**

1. Left subphrenic space
2. Left subhepatic space
3. Right subphrenic space
4. Right subhepatic space

**Question Number : 31 Question Id : 630680265582 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The TRUE statement regarding Mallory - Weiss syndrome is:

**Options :**

1. This occurs classically when person vomits against a closed glottis.
2. Injury occurs at lowered third of oesophagus.
3. Forceful vomiting produces a mucosal tear at the cardiac end of stomach.
4. It occurs during instrumentation therapeutic endoscopy.

**Question Number : 32 Question Id : 630680265583 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Example for adynamic type of intestinal obstruction among the following is:

**Options :**

1. Paralytic ileus
2. Intussusception
3. Volvulus

4. Bands/ adhesions

**Question Number : 33 Question Id : 630680265584 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Fracture of upper pole of patella due to pull of quadriceps femoris muscle is an example for \_\_\_\_\_.

**Options :**

1. Impacted fracture
2. Stress fracture
3. Compression fracture
4. Avulsion fracture

**Question Number : 34 Question Id : 630680265585 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

ALL of the following are characteristics of Atrophic type of NON-UNION EXCEPT:

**Options :**

1. The fragments are inert and avascular
2. There is a sclerosis of fracture surfaces and closure of medullary canal radiologically
3. The ends are tapering, osteoporotic and very mobile
4. There may be formation of a fake joint with even a synovial lining

**Question Number : 35 Question Id : 630680265586 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The most commonly involved nerve as a complication of supracondylar fractures is \_\_\_\_\_.

**Options :**

1. Median nerve
2. Anterior interosseous nerve
3. Radial nerve
4. Ulnar nerve

**Question Number : 36 Question Id : 630680265587 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The Galeazzi fracture dislocation is \_\_\_\_\_.

**Options :**

1. Fracture of distal shaft of radius associated with dislocation of ulna
2. Fracture of proximal third of ulna with dislocation of the head of radius
3. Fracture of lower third of ulna without displacement
4. Fracture separation of lower radial epiphysis

**Question Number : 37 Question Id : 630680265588 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Garden classification for fracture neck of femur is based on \_\_\_\_\_.

**Options :**

1. Anatomic site
2. Fracture angle



3. Displacement of femoral head
4. Extent of comminution

**Question Number : 38 Question Id : 630680265589 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

As per Tscherne classification for open fractures, A fracture with heavy contamination, Excessive soft tissue damage associated with neural injuries comes under \_\_\_\_\_.

**Options :**

1. Grade I
2. Grade II
3. Grade III
4. Grade IV

**Question Number : 39 Question Id : 630680265590 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The recommended holding period and temperature to be maintained for sterilising glassware, forceps, scissors is \_\_\_\_\_.

**Options :**

1. 120°C for 45 minutes
2. 160°C for 60 minutes
3. 180°C for 7.5 minutes
4. 180°C for 30 minutes

**Question Number : 40 Question Id : 630680265591 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The most heat resistant cells among the following is \_\_\_\_\_.

**Options :**

1. Mycobacteria
2. Brucella
3. Clostridium Botulinum
4. Staphylococcus aureus

**Question Number : 41 Question Id : 630680265592 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The efficacy of moist heat sterilization is determined by using \_\_\_\_\_.

**Options :**

1. Spores of Bacillus stearothermophilus
2. Spores of Clostridium Botulinum
3. Polio virus
4. Hepatitis B virus

**Question Number : 42 Question Id : 630680265593 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Disinfection of enclosed areas such as entry ways, Operation theatres and laboratories are done by using \_\_\_\_\_.

**Options :**

1. Infrared radiation
2. Ultraviolet radiation
3. High energy electron radiation
4. Gamma radiation

**Question Number : 43 Question Id : 630680265594 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

ALL of the following are characteristics of Ethylene oxide EXCEPT:

**Options :**

1. It is a highly penetrating gas with a boiling point of 10.7°C.
2. It acts by alkylating the amino, carboxyl, hydroxyl and sulfhydryl groups in protein molecules.
3. It is most suitable for fumigating rooms.
4. It is especially used for sterilising heart – lung machines, respirators.

**Question Number : 44 Question Id : 630680265595 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

ALL of the following belongs to Aniline group of dyes EXCEPT:

**Options :**

1. Brilliant green
2. Malachite green
3. Crystal violet
4. Proflavine

**Question Number : 45 Question Id : 630680265596 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

ALL of the following are characteristics of GRADENIGO'S SYNDROME EXCEPT:

**Options :**

1. Paralysis of contralateral face (VII N) involvement
2. Otorrhea
3. Retro orbital pain (V N) involvement
4. Lateral rectus palsy (VI N) involvement

**Question Number : 46 Question Id : 630680265597 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Griesinger sign is positive in a case of \_\_\_\_\_.

**Options :**

1. Extradural abscess
2. Petrositis
3. Lateral sinus Thrombosis
4. Subdural abscess

**Question Number : 47 Question Id : 630680265598 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The artery of Epistaxis is \_\_\_\_\_.

**Options :**

1. Greater palatine artery
2. Superior labial branch of facial artery
3. Anterior ethmoidal artery
4. Sphenopalatine artery

**Question Number : 48 Question Id : 630680265599 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The 'Hutchinson's triad' in suspected cases of congenital syphilis includes ALL EXCEPT:

**Options :**

1. Widely spaced 'Peg' shaped teeth
2. Neuronal deafness
3. Interstitial keratitis
4. Keratomus

**Question Number : 49 Question Id : 630680265600 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The common symptom of acute primary angle closure glaucoma is \_\_\_\_\_.

**Options :**

1. Severe ocular pain associated with red eye
2. Profound decrease in vision
3. Coloured haloes may be reported
4. Severe headache, nausea and vomiting

**Question Number : 50 Question Id : 630680265601 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The presentation of 'Pupillary hypopyon' with fibrous obscuring the pupil is seen with \_\_\_\_\_.

**Options :**

1. Klebsiella pneumoniae
2. Group B Streptococcus
3. Nocardia asteroides
4. Mycobacterium tuberculosis

**Question Number : 51 Question Id : 630680265602 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

In case of Retinopathy of prematurity, if a demarcation line is seen between the vascular and avascular retina, then it indicates \_\_\_\_\_.

**Options :**

1. Stage 1
2. Stage 2
3. Stage 3
4. Stage 4

**Question Number : 52 Question Id : 630680265603 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

In case of traumatic hyphema, if there is gross layering of the red blood cells involving more than half of anterior chamber, then it belongs to \_\_\_\_\_.

**Options :**

1. Grade I
2. Grade II
3. Grade III
4. Grade IV

**Question Number : 53 Question Id : 630680265604 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Based on Naegele's formula, labour starts mostly on \_\_\_\_\_.

**Options :**

1. The expected date
2. 1 week on either side
3. 2 weeks earlier and 1 week later
4. At 42 weeks

**Question Number : 54 Question Id : 630680265605 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

ALL of the following are causes for onset of labour EXCEPT:

**Options :**

1. Uterine stretch increases gap junction proteins, receptors for oxytocin
2. Increased CRH – Increased ACTH - Increased cortisol
3. Increased fetal production of Dehydroepiandrosterone sulfate (DHEA - S)
4. It is the fall in progesterone rather than alteration in the oestrogen – progesterone ratio causes PG synthesis

**Question Number : 55 Question Id : 630680265606 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The commonest cause of Postpartum Hemorrhage is \_\_\_\_\_.

**Options :**

1. Atonicity of uterus
2. Trauma to the genital tract
3. Retained tissues
4. Blood coagulopathy

**Question Number : 56 Question Id : 630680265607 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Dangerous placenta praevia is the name given to \_\_\_\_\_ placenta praevia

**Options :**

1. Type I
2. Type II
3. Type III
4. Type IV

**Question Number : 57 Question Id : 630680265608 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

ALL of the following are characteristics of COUVELAIRE UTERUS EXCEPT:

**Options :**

1. It is a severe form of concealed abruptio placenta
2. There is massive intravasation of blood into uterine musculature up to serous coat
3. The condition can only be diagnosed on laparotomy
4. The presence of Couvelaire uterus as observed during caesarian section is an indication perse for hysterectomy

**Question Number : 58 Question Id : 630680265609 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Phenobarbital is NOT an effective agent for:

**Options :**

1. generalized tonic-clonic
2. focal-to-bilateral tonic-clonic
3. tonic-clonic of known onset
4. focal seizures

**Question Number : 59 Question Id : 630680265610 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Identify incorrect pair of Antidote and their poisoning indications.

**Options :**

1. Benzotropine - Drug-induced dystonia (diphenhydramine)
2. Deferoxamine - Iron
3. Penicillamine - Opioids
4. Hydroxocobalamin hydrochloride - Cyanide

**Question Number : 60 Question Id : 630680265611 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Identify the wrongly matched pair.

**Options :**

1. First generation - Cefazolin
2. Second generation - Cefotaxime
3. Third generation - Ceftibuten
4. Anti-MRSA cephalosporins - Ceftaroline

**Question Number : 61 Question Id : 630680265612 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Bacteria may NOT be resistant to aminoglycosides through which of the following?

**Options :**

1. failure of the antibiotic to penetrate intracellularly
2. inactivation of the drug by microbial enzymes
3. low affinity of the drug for the bacterial ribosome
4. high affinity of the drug for the bacterial lysosome

**Question Number : 62 Question Id : 630680265613 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

Which of the following statement is true about Metronidazole?

**Options :**

1. Metronidazole displays excellent activity against most aerobic bacteria
2. It lacks activity against anaerobic bacteria. Acquired resistance is common
3. Metronidazole is a nitroimidazole with broad activity against parasites
4. Typical doses are 250–500 mg once daily, via the intramuscular or oral routes.

**Question Number : 63 Question Id : 630680265614 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

Identify the wrongly matched pair.

**Options :**

1. Trifluridine - ophthalmic
2. Cidofovir - Intravenous
3. Fomivirsena - Intravitreal
4. Zanamivir - Topical

**Question Number : 64 Question Id : 630680265615 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

Rectified Spirit is to be used in the preservation of viscera in which of the following case?

**Options :**

1. Alcohol Poisoning
2. Phenol Poisoning
3. Nicotine Poisoning
4. Paraldehyde poisoning

**Question Number : 65 Question Id : 630680265616 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

Which of the following is NOT a typical composition used in embalming procedures?

**Options :**

1. Preservative
2. Buffer
3. Drying agent
4. Perfume

**Question Number : 66 Question Id : 630680265617 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

“Round” cross-section differentiating feature of hair differentiates which of the following race from another?

**Options :**

1. Mongolian
2. Negro
3. Caucasians

4. Australian

**Question Number : 67 Question Id : 630680265618 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

Tanner's grading is based on \_\_\_\_\_.

**Options :**

1. Racial differentiation
2. Age maturation
3. Sex differentiation
4. Sexual maturation

**Question Number : 68 Question Id : 630680265619 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

'Ochre' dye is used to impart which of the following colors in tattoo marks?

**Options :**

1. Black
2. Brown
3. Grey
4. Blue

**Question Number : 69 Question Id : 630680265620 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

Aluminium dust spread over with camel brush, adheres to the sebaceous secretion of the print and makes prominent the ridges over which kind of surface?

**Options :**

1. Light colored surface
2. Dark colored surface
3. Porous surface
4. Pliable surface

**Question Number : 70 Question Id : 630680265621 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

Which of the following is used to for cutting the ribs and opening the thoracic cavity?

**Options :**

1. Costotome
2. Enterotome
3. Metzenbaum scissors
4. Caltin knife

**Question Number : 71 Question Id : 630680265622 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 2 Wrong Marks : 0.5**

Algor Mortis, a post-mortem phenomena is based on the principles laid down by whom?

**Options :**

1. Walther Nernst

2. Dr. K. S. Narayan Reddy
3. Rudolf Clausius
4. Sir Isaac Newton

**Question Number : 72 Question Id : 630680265623 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Which of the following stands out of the differential diagnosis to the post-mortem phenomena of Rigor Mortis?

**Options :**

1. Cadaveric spasm
2. Heat stiffening
3. Cold stiffening
4. Warm stiffening

**Question Number : 73 Question Id : 630680265624 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Goldilocks phenomenon in regard to atmospheric conditions are required for the formation of which of the following?

**Options :**

1. Secondary Relaxation
2. Cadaveric Spasm
3. Adipocere
4. Livor Mortis

**Question Number : 74 Question Id : 630680265625 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

'Excusable Homicide' CANNOT be dealt under which of the following section of Indian Penal Code?

**Options :**

1. Section 78
2. Section 88
3. Section 84
4. Section 94

**Question Number : 75 Question Id : 630680265626 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Hyperextension - hyperflexion injury is:

**Options :**

1. Jefferson's fracture
2. Hangman's fracture
3. Burking
4. Whiplash

**Question Number : 76 Question Id : 630680265627 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Extradural hemorrhage results in death with which of the commonest cause?

**Options :**



1. Neurogenic shock
2. Cardiac failure
3. Respiratory failure
4. Hemorrhagic shock

**Question Number : 77 Question Id : 630680265628 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

The test of "lateral buttock traction" is done in which of the following case?

**Options :**

1. Accused of sodomy
2. Victim of sodomy
3. Accused of necrophilia
4. Victim of necrophilia

**Question Number : 78 Question Id : 630680265629 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

What among the following is NOT an accepted age of informed consent when taken from the victim itself for examination of victim of sexual assault?

**Options :**

1. 14 years
2. 18 years
3. 21 years
4. 70 years

**Question Number : 79 Question Id : 630680265630 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Which one of the following is NOT collected in SAFE?

**Options :**

1. Buccal swab
2. Anal swab
3. Nail scrapings
4. Hair combings

**Question Number : 80 Question Id : 630680265631 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

In case of cardiac failure associated with acute pulmonary edema, what is true about the treatment given?

**Options :**

1. Nitrates should be avoided if the systolic blood pressure < 140 mm Hg
2. Furosemide therapy given IV reduces preload and afterload
3. Controlled oxygen therapy should be restricted to 28% oxygen in patients who has a habit of smoking
4. ACE inhibitors decreases the afterload but increases the preload

**Question Number : 81 Question Id : 630680265632 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

What is true regarding treatment of thromboembolism?

**Options :**

1. Heparin infusion should be given until warfarin therapy has become effective
2. 24% oxygen therapy should correct hypoxaemia
3. Warfarin therapy should be continued for 4 weeks
4. Streptokinase therapy should be given immediately

**Question Number : 82 Question Id : 630680265633 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

What is true regarding acute water intoxication?

**Options :**

1. Urinary osmolality 290/kg
2. Clinical evidence of increased extracellular fluid volume
3. Serum sodium concentration <130 mmol/L
4. Prompt response to 1 L of normal sodium chloride

**Question Number : 83 Question Id : 630680265634 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Which of the following is characteristic feature of testicular tumor?

**Options :**

1. Testicular pain in seminoma of testis
2. Absence of distant metastases
3. Secretion of alpha – fetoprotein and chronic gonadotropin by teratomas
4. Peak incidence after the age of 60 years

**Question Number : 84 Question Id : 630680265635 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

In case of suspicion of acute gastro-duodenal hemorrhage:

**Options :**

1. Hypotension without a tachycardia suggests an alternative diagnosis
2. Absence of anemia suggests volume of blood is modest
3. Nasogastric aspiration provides an accurate estimate of blood loss
4. Endoscopy is best deferred pending blood volume replacement

**Question Number : 85 Question Id : 630680265636 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Which of the given statement stands correct about the biliary tract?

**Options :**

1. Bile and pancreatic ducts usually join duodenum separately
2. Right and left hepatic ducts join to form the common bile duct
3. 1-2 liters of bile are secreted daily and concentrated 10 fold in the gall bladder
4. Gallbladder is chiefly innervated by sympathetic nerves

**Question Number : 86 Question Id : 630680265637 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

What is true regarding the fact about Hemoglobin?

**Options :**

1. F comprises two alpha and two delta chains
2. A<sub>2</sub> comprises two alpha and two gamma chains
3. Is an important buffer of carbonic acid
4. Oxygen binding is increased by 2,3 – diphosphoglycerate within the red cells

**Question Number : 87 Question Id : 630680265638 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Which among the following is NOT true about recognized features of primary Sjögren's syndrome?

**Options :**

1. An increased incidence of lymphoma
2. More males affected than females
3. Reduced lacrimal secretion rate
4. Dryness of eyes, mouth and vagina

**Question Number : 88 Question Id : 630680265639 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Which among the following do NOT represents fact about psoriasis?

**Options :**

1. If one of the parents is affected, then the child has 50% chance of developing the disease
2. Cellular infiltrate is typically lymphocytic
3. Nail pitting is associated with distal interphalangeal arthropathy
4. About 5% of patient develop arthropathy

**Question Number : 89 Question Id : 630680265640 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Which of the following is NOT a typical feature of posterior parietal lobe lesions?

**Options :**

1. Perceptual rivalry
2. Agnosia and acalculia
3. Motor dysphasia
4. Constructional apraxia

**Question Number : 90 Question Id : 630680265641 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Which among the following is NOT most important reflexes to assess during the newborn period?

**Options :**

1. Moro reflex
2. Rooting reflex
3. Symmetric tonic neck reflex
4. Grasp reflex

**Question Number : 91 Question Id : 630680265642 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Which of the following is NOT correctly matched for the pair of medicine with its side effects regarding clean out disimpaction?

**Options :**

1. Normal saline - Abdominal cramping
2. Magnesium citrate - Hypomagnesemia
3. Glycerin suppositories - No side effects
4. Enema - risk of mechanical trauma

**Question Number : 92 Question Id : 630680265643 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Which among the following is NOT correctly matched for Disease Associated with Childhood Obesity and its manifestation?

**Options :**

1. Cushing syndrome - Adrenal hyperplasia or pituitary tumor
2. Myelodysplasia - Spina bifida
3. Hypoinsulinism - Nesidioblastosis
4. Pseudohypoparathyroidism - Variable hypocalcemia

**Question Number : 93 Question Id : 630680265644 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

In which of the following deficiency, zebra stripping of hair is characteristically found?

**Options :**

1. Zinc
2. Fatty acid
3. Biotin
4. Vitamin A

**Question Number : 94 Question Id : 630680265645 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Which of the following statement is true about Patent ductus arteriosus?

**Options :**

1. Narrow pulse pressure as an indicator of large left to right shunt is seen.
2. Wide pulse pressure as an indicator of large left to right shunt is seen.
3. Wide pulse pressure as an indicator of large right to left shunt is seen.
4. Narrow pulse pressure as an indicator of large right to left shunt is seen.

**Question Number : 95 Question Id : 630680265646 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

An asymmetrical Intra-uterine Growth Restriction does NOT affect:

**Options :**

1. Liver
2. Brain
3. Subcutaneous fat
4. Muscle

**Question Number : 96 Question Id : 630680265647 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Choose the correct order of fat content in the milk.

**Options :**

1. Sheep's milk < Buffalo's milk < Goat's milk < Human's milk
2. Sheep's milk > Buffalo's milk > Cow's milk = Human's milk
3. Sheep's milk > Buffalo's milk > Goat's milk > Human's milk
4. Sheep's milk > Buffalo's milk > Cow's milk < Human's milk

**Question Number : 97 Question Id : 630680265648 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Which of the following investigation is most preferred for evaluation of vesicoureteral reflux?

**Options :**

1. USG bladder
2. Uroflometry
3. Intravenous urography
4. Voiding cystourethrography

**Question Number : 98 Question Id : 630680265649 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Fill in the blanks with appropriate options.

HIV infection can be diagnosed definitively by \_\_\_\_\_ of age and in virtually all infected infants by \_\_\_\_\_ of age.

**Options :**

1. 10 days; 6 weeks
2. 2 weeks; 3 weeks
3. 2 months; 4 months
4. 1 month; 6 months

**Question Number : 99 Question Id : 630680265650 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Identify the incorrect pair among given Congenital Malformation Syndromes Associated with Congenital Heart Disease.

**Options :**

1. Marfan syndrome - Dilated and dissecting aorta
2. William syndrome - Supravalvular aortic stenosis
3. Asplenia syndrome - Atrial septal defect
4. Fetal hydantoin syndrome - Tetralogy of Fallot

**Question Number : 100 Question Id : 630680265651 Is Question Mandatory : No Calculator : None Response Time :**

**N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 2 Wrong Marks : 0.5**

Identify X in the given formula.

$$X = \frac{\text{Pretest probability} \times \text{Sensitivity}}{\text{Pretest probability} \times \text{Sensitivity} + (1 - \text{Pretest Probability}) \times \text{False positive rate}}$$

**Options :**

1. positive diagnostic test result
2. Posttest probability
3. Non – predictive value
4. Likelihood ratio